

CERTIFICATE OF EXPRESS MAIL

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BENOIT DE CROMBRUGGHE
KAZUHISA NAKASHIMA &
XIN ZHOU

Group Art Unit: UNKNOWN

Examiner: UNKNOWN

Atty. Dkt. No.: UTXC:666/TJS

Serial No.: UNKNOWN

Filed: NOVEMBER 30, 2000

For: MASTER BONE FORMATION
TRANSCRIPTION FACTOR:
COMPOSITIONS AND METHODS FOR
USE

STATEMENT AS REQUIRED UNDER 37 C.F.R. § 1.821(f)

BOX SEQUENCE

Commissioner for Patents
Washington, D.C. 20231

Commissioner:

Submitted herewith is a computer readable form and a paper copy of the sequence listing of those sequences in the captioned patent application. The computer readable form of the sequence listing is the same as the paper copy of the sequence listing. The sequence information provided in the Specification is also the same as the sequence listing of the enclosed computer readable and paper forms of the sequence listing.

Respectfully submitted,

Matthew Bell

Matthew S. Bellinger

Reg. No. 46,547

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: November 30, 2000

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Gender	0.5	0.5	0	1
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SEQUENCE LISTING

<110> de CROMBRUGGHE, BENOIT
NAKASHIMA, KAZUHISA
ZHOU, XIN

<120> MASTER BONE FORMATION TRANSCRIPTION FACTOR:
COMPOSITIONS AND METHODS OF USE

<130> UTXC:666

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SEQUENCE LISTING

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ZHOU, XIN

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Leu	Gly	Ala	Ala	Ala	Ala	Gly	Leu	Arg	Lys	Lys	Pro	Ile	His	Ser	Cys	
		280					285					290				
cac	atc	cct	ggg	tgc	ggc	aag	gtg	tac	ggc	aag	gct	tcg	cat	ctg	aaa	1026
His	Ile	Pro	Gly	Cys	Gly	Lys	Val	Tyr	Gly	Lys	Ala	Ser	His	Leu	Lys	
	295					300					305					
gcc	cac	ttg	cgc	tgg	cac	act	ggc	gag	agg	cct	ttc	gtc	tgc	aac	tgg	1074
Ala	His	Leu	Arg	Trp	His	Thr	Gly	Glu	Arg	Pro	Phe	Val	Cys	Asn	Trp	
310					315					320					325	
ctt	ttc	tgc	ggc	aag	agg	ttc	act	cgc	tct	gac	gag	ctg	gag	cgc	cac	1122
Leu	Phe	Cys	Gly	Lys	Arg	Phe	Thr	Arg	Ser	Asp	Glu	Leu	Glu	Arg	His	
			330						335					340		
gtg	cgc	act	cac	acc	cgg	gag	aag	aag	ttc	act	tgc	ctg	ctc	tgt	tcc	1170
Val	Arg	Thr	His	Thr	Arg	Glu	Lys	Lys	Phe	Thr	Cys	Leu	Leu	Cys	Ser	

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Lys Arg Phe Thr Arg Ser Asp His Leu Ser Lys His Gln Arg Thr His			
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Gly Glu Pro Gly Pro Gly Pro Pro Pro Ser Gly Pro Lys Glu Leu Gly			
375	380	385	
gag ggt cgc agc gtc ggg gaa gaa gaa gcc aat cag ccg ccc cga tct			1314
Glu Gly Arg Ser Val Gly Glu Glu Glu Ala Asn Gln Pro Pro Arg Ser			
390	395	400	405
tcc act tcg cct gca ccc cca gaa aaa gcc cac gga ggc agc cca gag			1362
Ser Thr Ser Pro Ala Pro Pro Glu Lys Ala His Gly Gly Ser Pro Glu			
410	415	420	
cag agc aac ctg cta gag atc tgagccgggt agaggaaggt ctccagctcc			1413
Gln Ser Asn Leu Leu Glu Ile			
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 35 40 45
 Ala Asp Leu Ser Ala Pro Lys Thr Met Gly Asp Ala Tyr Pro Ala Pro
 50 55 60
 Phe Ser Ser Thr Asn Gly Leu Leu Ser Pro Ala Gly Ser Pro Pro Ala
 65 70 75 80
 Pro Ala Ser Gly Tyr Ala Asn Asp Tyr Pro Pro Phe Pro His Ser Phe
 85 90 95
 Pro Gly Pro Thr Gly Ala Gln Asp Pro Gly Leu Leu Val Pro Lys Gly
 100 105 110
 His Ser Ser Ser Asp Cys Leu Pro Ser Val Tyr Thr Ser Leu Asp Met
 115 120 125
 Thr His Pro Tyr Gly Ser Trp Tyr Lys Ala Gly Ile His Ala Gly Ile
 130 135 140
 Ser Pro Gly Pro Gly Asn Thr Pro Thr Pro Trp Trp Asp Met His Pro
 145 150 155 160
 Gly Gly Asn Trp Leu Gly Gly Gly Gln Gly Gln Gly Asp Gly Leu Gln
 165 170 175
 Gly Thr Leu Ser Thr Gly Pro Ala Gln Pro Pro Leu Asn Pro Gln Leu
 180 185 190
 Pro Thr Tyr Pro Ser Asp Phe Ala Pro Leu Asn Pro Ala Pro Tyr Pro
 195 200 205

Ala Pro His Leu Leu Gln Pro Gly Pro Gln His Val Leu Pro Gln Asp
 210 215 220

Val Tyr Lys Pro Lys Ala Val Gly Asn Ser Gly Gln Leu Glu Gly Ser
 225 230 235 240

Gly Ala Ala Lys Pro Pro Arg Gly Ala Gly Thr Gly Gly Ser Gly Gly
 245 250 255

Tyr Ala Gly Ser Gly Ala Gly Arg Ser Thr Cys Asp Cys Pro Asn Cys
 260 265 270

Gln Glu Leu Glu Arg Leu Gly Ala Ala Ala Ala Gly Leu Arg Lys Lys
 275 280 285

Pro Ile His Ser Cys His Ile Pro Gly Cys Gly Lys Val Tyr Gly Lys
 290 295 300

Ala Ser His Leu Lys Ala His Leu Arg Trp His Thr Gly Glu Arg Pro
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Phe Val Cys Asn Trp Leu Phe Cys Gly Lys Arg Phe Thr Arg Ser Asp
 325 330 335

Glu Leu Glu Arg His Val Arg Thr His Thr Arg Glu Lys Lys Phe Thr
 340 345 350

Cys Leu Leu Cys Ser Lys Arg Phe Thr Arg Ser Asp His Leu Ser Lys
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His Gln Arg Thr His Gly Glu Pro Gly Pro Gly Pro Pro Pro Ser Gly
 370 375 380

Pro Lys Glu Leu Gly Glu Gly Arg Ser Val Gly Glu Glu Glu Ala Asn
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Thr Gly Gly Ser Gly Gly Tyr Ala Gly Ser Gly Ala Gly Arg Ser Thr
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Cys Asp Cys Pro

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Ala Gly Ser Pro Pro Ala Pro Ala Ser Gly Tyr Ala Asn Asp Tyr Pro
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Pro Phe Pro His Ser Phe Pro Gly Pro Thr Gly Ala Gln Asp Pro Gly
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Leu Leu Val Pro Lys Gly His Ser Ser Ser Asp Cys Leu Pro Ser Val
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Tyr Thr Ser Leu Asp Met Thr His Pro Tyr Gly Ser Trp Tyr Lys Ala
 100 105 110

Gly Ile His Ala Gly Ile Ser Pro Gly Pro Gly Asn Thr Pro Thr Pro
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Trp Trp Asp Met His Pro Gly Gly Asn Trp Leu Gly Gly Gly Gln Gly
 130 135 140

Gln Gly Asp Gly Leu Gln Gly Thr Leu Ser Thr Gly Pro Ala Gln Pro
 145 150 155 160

Pro Leu Asn Pro Gln Leu
 165